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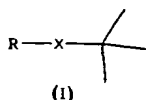
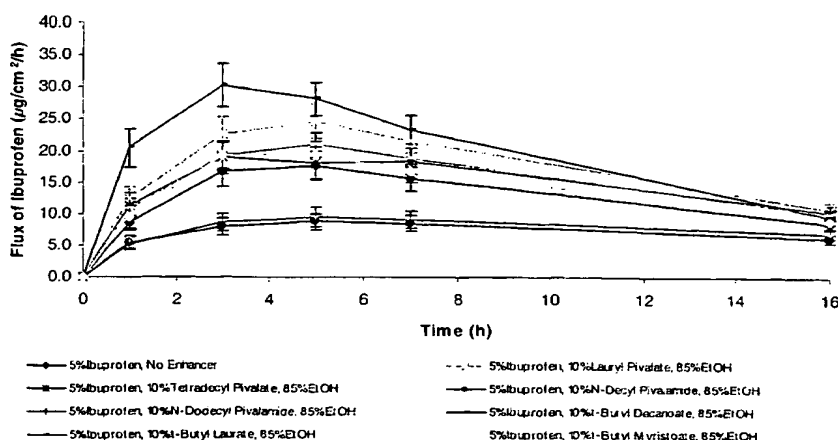
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(54) Title: PHARMACEUTICAL COMPOSITIONS FOR TOPICAL APPLICATION

Mean \pm S.E. (n=12)



(57) Abstract: Compounds of Formula I are useful as skin penetration enhancing agents: (I) wherein: R represents a linear, saturated or unsaturated, substituted or unsubstituted hydrocarbyl radical; and X represents a $-(\text{CO})\text{O}-$, $-\text{O}(\text{CO})-$, $\text{C}=\text{O}$, CONH , O , NHCONH , S , or $\text{S}=\text{O}$ radical. Compositions and methods using these compounds are also described.



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